Met Office Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 02 Aug 2023 until 23:59 on Thursday 03 Aug 2023

Forecast Issued on Wednesday 02 Aug 2023 at 02:14

Confidence: High for overall unsettled theme, lower for detail around duration and intensity of rain or showers. High for the driest and clearest weather on Friday. Moderate confidence for the wet and windy day Saturday, but very low confidence on timing and details.

Headline for Wednesday 02 Aug 2023: Cloudy with showers or longer spells of rain, heavy and perhaps thundery at times.

Mountain weather hazards on Wednesday 02 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
High Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Thundery showers	Thundery showers	Light rain showers	Dull	Light rain
Precipitation probability					
70%	40%	40%	40%	30%	50%

Forecast for Wednesday 02 Aug 2023

Weather: Early rain clearing, with a few cloud breaks occurring to allow some brighter spells to develop. However showers soon, often heavy with a risk of thunderstorms and hail. These likely easing mid-afternoon onward, but thicker cloud gradually spreading south again into the evening, with spells of more persistent but generally lighter rain.

Chance of cloud-free hill tops above 600m: 20%, increasing to 80% by midday. Falling again in the evening to 30%.

Low cloud and visibility: Cloud obscuring most summits above 500m during the morning, but lifting and breaking above most summits by the afternoon. Further patches returning during heavy showers, however. More extensive cloud returning from the north during the evening, lowering to obscure hills above 400m. Visibility often poor during any rain, especially heavier showers, but increasing to moderate during drier intervals.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 02 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 SE	9/13 S	8/13 NW	16/23 NE	22/32 NE	21/29 N	19/28 N
300	17/27 E	9/14 S	6/10 NW	12/18 N	14/22 N	14/23 N	11/19 N
Valley	11/23 E	7/13 S	6/11 NW	10/19 NE	12/25 N	11/24 N	9/21 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	12/10	13/12	12/9	11/8	11/7	10/6
300	13/10	14/13	16/15	15/14	14/12	13/11	13/11
Valley	13/11	14/14	17/17	16/15	15/13	14/12	13/11
Freezing Level*	2900m	2700m	2500m	2600m	2800m	2600m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Waterproof layers essential, and fast flowing watercourses possible from the heavy rain. Chance of being caught in thunderstorms, so make sure to know what to do if on the hills when one occurs. Poor visibility likely at times too, so navigation skills more suited to autumn than summer required. Feeling chilly on the tops, especially in any showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 02 Aug 2023	10.8mm	18mm	28.2mm

Forecast for Thursday 03 Aug 2023

Weather: Clear spells and variable cloud after midnight and early morning. Cloud soon bubbling however up with showers developing by the afternoon. These turning heavy and perhaps thundery during the evening. Not all will see the showers, but where they do occur they may align to give some persistent downpours

Maximum wind: Northwesterly 20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Occasional cloud obscuring tops at 600m, perhaps down to 500m during any heavy showers. Otherwise very good to excellent visibility expected but falling to moderate during any heavy showers.

Temperature: **Valleys:** Plus 10 Celsius rising to Plus 21 Celsius
At 600m: Plus 11 Celsius rising to Plus 13 Celsius
Freezing level: Above the summits

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